



SEQUENCE LISTING

<110> Ebbinghaus, Scot W.
Hurley, Laurence H.
Siddiqui-Jain, Adam
Mommott, Regan

<120> METHODS FOR REGULATING TRANSCRIPTION BY
TARGETING QUADRUPLEX DNA

<130> 532232000500

<140> 10/645,471

<141> 2003-08-20

<150> 60/404,965

<151> 2002-08-20

<160> 32

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 12

<212> DNA

<213> Unknown

<220>

<223> oligonucleotide

<400> 1

ggaggaggag ga

12

<210> 2

<211> 11

<212> DNA

<213> Unknown

<220>

<223> oligonucleotide

<400> 2

ggaggaggag g

11

<210> 3

<211> 22

<212> DNA

<213> Unknown

<220>

<223> oligonucleotide

<400> 3

ggaggaggag gggaggagga gg

22

<210> 4

<211> 23

<212> DNA

<213> Artificial Sequence

<220>
 <223> oligonucleotide

 <221> misc_feature
 <222> 12
 <223> n = A,T,C or G

 <400> 4
 ggaggaggag gnggaggagg agg 23

 <210> 5
 <211> 24
 <212> DNA
 <213> Unknown

 <220>
 <223> oligonucleotide

 <221> misc_feature
 <222> 12, 13
 <223> n = A,T,C or G

 <400> 5
 ggaggaggag gnnngaggag gagg 24

 <210> 6
 <211> 25
 <212> DNA
 <213> Unknown

 <220>
 <223> oligonucleotide

 <221> misc_feature
 <222> 12, 13, 14
 <223> n = A,T,C or G

 <400> 6
 ggaggaggag gnnnggagga ggagg 25

 <210> 7
 <211> 26
 <212> DNA
 <213> Unknown

 <220>
 <223> oligonucleotide

 <221> misc_feature
 <222> 12, 13, 14, 15
 <223> n = A,T,C or G

 <400> 7
 ggaggaggag gnnnnggagg aggagg 26

 <210> 8
 <211> 27
 <212> DNA
 <213> Unknown

 <220>
 <223> oligonucleotide

<221> misc_feature
 <222> 12, 13, 14, 15, 16
 <223> n = A,T,C or G

 <400> 8
 ggaggaggag gnnnnnnggag gaggagg 27

 <210> 9
 <211> 28
 <212> DNA
 <213> Unknown

 <220>
 <223> oligonucleotide

 <221> misc_feature
 <222> 12, 13, 14, 15, 16, 17
 <223> n = A,T,C or G

 <400> 9
 ggaggaggag gnnnnnnngga ggaggagg 28

 <210> 10
 <211> 29
 <212> DNA
 <213> Unknown

 <220>
 <223> oligonucleotide

 <221> misc_feature
 <222> 12, 13, 14, 15, 16, 17, 18
 <223> n = A,T,C or G

 <400> 10
 ggaggaggag gnnnnnnnngg aggaggagg 29

 <210> 11
 <211> 30
 <212> DNA
 <213> Unknown

 <220>
 <223> oligonucleotide

 <221> misc_feature
 <222> 12, 13, 14, 15, 16, 17, 18, 19
 <223> n = A,T,C or G

 <400> 11
 ggaggaggag gnnnnnnnnng gaggaggagg 30

 <210> 12
 <211> 31
 <212> DNA
 <213> Unknown

 <220>
 <223> oligonucleotide

 <221> misc_feature

<222> 12, 13, 14, 15, 16, 17, 18, 19, 20
 <223> n = A,T,C or G

<400> 12
 ggaggaggag gnnnnnnnnn ggaggaggag g 31

<210> 13
 <211> 32
 <212> DNA
 <213> Unknown

<220>
 <223> oligonucleotide

<221> misc_feature
 <222> 12, 13, 14, 15, 16, 17, 18, 19, 20, 21
 <223> n = A,T,C or G

<400> 13
 ggaggaggag gnnnnnnnnn nggaggagga gg 32

<210> 14
 <211> 66
 <212> DNA
 <213> Unknown

<220>
 <223> oligonucleotide

<400> 14
 tttctcagga gaaagagcag cagcagctca cggaggagga ggagaaggag gaggaggaaa 60
 caggtt 66

<210> 15
 <211> 27
 <212> DNA
 <213> Unknown

<220>
 <223> oligonucleotide

<400> 15
 ggaggaggag gaagaggagg aggaggc 27

<210> 16
 <211> 38
 <212> DNA
 <213> Unknown

<220>
 <223> oligonucleotide

<400> 16
 agagaagagg ggaggaggag gaggagagga ggaggcgc 38

<210> 17
 <211> 13
 <212> DNA
 <213> Unknown

<220>
 <223> oligonucleotide

<400> 17 ggaggggggag ggg	13
<210> 18 <211> 28 <212> DNA <213> Unknown	
<220> <223> oligonucleotide	
<400> 18 aggagaagga ggaggtggag gaggaggg	28
<210> 19 <211> 32 <212> DNA <213> Unknown	
<220> <223> oligonucleotide	
<400> 19 ggaggaggaa gaatgcgagg aggagggagg ag	32
<210> 20 <211> 25 <212> DNA <213> Unknown	
<220> <223> oligonucleotide	
<400> 20 ccgaaggagg aaggaggagg agggg	25
<210> 21 <211> 35 <212> DNA <213> Unknown	
<220> <223> oligonucleotide	
<400> 21 agcgaggagg aggaggagga ggaggaggag aggaa	35
<210> 22 <211> 17 <212> DNA <213> Unknown	
<220> <223> oligonucleotide	
<400> 22 agaagagggga ggaggag	17
<210> 23 <211> 13 <212> DNA	

<213> Unknown	
<220>	
<223> oligonucleotide	
<400> 23	
ggaaggagga gga	13
<210> 24	
<211> 21	
<212> DNA	
<213> Unknown	
<220>	
<223> oligonucleotide	
<400> 24	
ctctctctcc ttcccctccc c	21
<210> 25	
<211> 16	
<212> DNA	
<213> Unknown	
<220>	
<223> oligonucleotide	
<400> 25	
ggaggaccga ggagga	16
<210> 26	
<211> 16	
<212> DNA	
<213> Unknown	
<220>	
<223> oligonucleotide	
<400> 26	
cctctctggct cctcct	16
<210> 27	
<211> 15	
<212> DNA	
<213> Unknown	
<220>	
<223> oligonucleotide	
<400> 27	
tccaactatg tatac	15
<210> 28	
<211> 35	
<212> DNA	
<213> Unknown	
<220>	
<223> oligonucleotide	
<400> 28	
ttagcgacac gcaattgcta tagtgagtcg tatta	35

<210> 29
<211> 36
<212> DNA
<213> Unknown

<220>
<223> oligonucleotide

<400> 29
tcacaggaga aggaggaggt ggaggaggag ggctgc 36

<210> 30
<211> 86
<212> DNA
<213> Unknown

<220>
<223> oligonucleotide

<400> 30
tccaactatg tatactcaca ggagaaggag gaggtggagg aggagggctg cttagcggca 60
cgcaattgct atagtgagtc gtatta 86

<210> 31
<211> 75
<212> DNA
<213> Unknown

<220>
<223> oligonucleotide

<400> 31
tttctcagga gaaagaggag gaggaggagg tcacggagga ggaggaggag aaggaggagg 60
aggaggaaac aggtt 75

<210> 32
<211> 120
<212> DNA
<213> Unknown

<220>
<223> oligonucleotide

<400> 32
tccaactatg tatactttct caggagaaag aggaggagga ggaggtcacg gaggaggagg 60
aggagaagga ggaggaggag gaaacaggtt ttagcgacat tgctatagtg agtcgtatta 120